

**REMARKS**

After the foregoing Amendment, claims 1, 3-6, 8-13, 15-18, 20-25, 27-30 and 32-37 are pending in this application. Claims 2, 7, 14, 19, 26 and 31 have been canceled without prejudice or disclaimer. Claims 1, 13 and 25 have been amended to incorporate subject matter deemed allowable by the Examiner. Claim 37 has been added to more distinctly claim subject matter which the Applicants regard as the invention. The Applicants submit that no new matter has been added by the Amendment.

**Claim Objections**

Claims 1, 13 and 25 are objected to for various informalities. In each of claims 1, 13, and 15, the phrase "adjusting the frequency domain response of at least one of the real and imaginary signal components" has been changed to "adjusting a frequency domain response of at least one of real and imaginary signal components". The withdrawal of the objection to claims 1, 13 and 25 is respectfully requested.

**Allowable Subject Matter**

The Examiner is thanked for indicating that claims 2-11, 14-23 and 26-35 include allowable subject matter.

Claim 1 has been amended to incorporate the allowable subject matter of claims 2 and 7. Thus, the Applicants submit that claim 1, and dependent claims 3-6 and 8-12 are allowable over the prior art of record.

Claim 13 has been amended to incorporate the allowable subject matter of claims 14 and 19. Thus, the Applicants submit that claim 13, and dependent claims 15-18 and 20-24, are allowable over the prior art of record.

Claim 25 has been amended to incorporate the allowable subject matter of claims 26 and 31. Thus, the Applicants submit that claim 25, and dependent claims 27-30 and 32-36, are allowable over the prior art of record.

The new claim 37 is also believed to include subject matter that is allowable over the prior art of record.

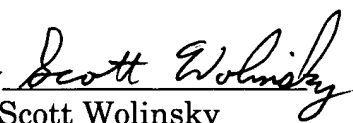
**Conclusion**

If the Examiner believes that any additional minor formal matters need to be addressed in order to place this application in condition for allowance, or that a telephone interview will help to materially advance the prosecution of this application, the Examiner is invited to contact the undersigned by telephone at the Examiner's convenience.

In view of the foregoing amendment and remarks, Applicants respectfully submit that the present application, including claims 1, 3-6, 8-13, 15-18, 20-25, 27-30 and 32-37, is in condition for allowance and a notice to that effect is respectfully requested.

Respectfully submitted,

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